

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051130

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16B2/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 006 297 A (KYBURZ H) 2 May 1979 (1979-05-02) abstract	1-4
A	US 4 797 983 A (BARNETT BARRY R M ET AL) 17 January 1989 (1989-01-17) the whole document	1-4
A	US 5 499 884 A (KUEHNHOLD WOLFGANG ET AL) 19 March 1996 (1996-03-19) abstract	1-4

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

8 October 2004

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15/10/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2006297	A	02-05-1979	NONE	
US 4797983	A	17-01-1989	GB 2187496 A	09-09-1987
			GB 2187785 A ,B	16-09-1987
			GB 2225374 A ,B	30-05-1990
US 5499884	A	19-03-1996	DE 4207839 A1	16-09-1993
			BR 9301149 A	14-09-1993
			FR 2688554 A1	17-09-1993
			GB 2264993 A ,B	15-09-1993
			JP 6010952 A	21-01-1994
			KR 9612152 B1	16-09-1996